

Amend Claims 1, 2, 3 and 5 as follows:

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*Subcl 1.* (Twice amended) A truss structure comprising an upper chord member, a lower chord member and a diagonal chord member connected to a parent plate via a connection part formed on an end of each of said chord members, wherein

    said upper chord member, said lower chord member and said diagonal chord member each comprise a pipe member;

    said connection part comprises a tubular section, and a flat section formed integral and continuously with said tubular section which are formed of said pipe member having a same diameter by a constrained pattern shaping press; and

    said connection part is connected to said parent plate via a bolt opening formed in said flat section and is formed of the pipe member by a constrained pattern shaping press to comprise a tubular section to have a curved surface, and extending from and integral with the pipe member, and a flat section being from a flattened pipe member as a single piece having width determined by the diameter of the pipe member, and extending from and integral with the tubular section, the tubular section defining a semi-circular boundary with the flat section and the flat section including respective transitional slack portions at both ends of the semi-circular boundary of the tubular section.

2. (Twice amended) A truss structure comprising an upper chord member, a lower chord member and a diagonal chord member connected to a parent plate via a connection part formed on an end of each of said chord members, wherein

*C1 C2 C3*  
said upper chord member, said lower chord member and said diagonal chord member each comprise a pipe member;

said connection part comprises a pipe tubular section which is formed by a cylindrical drawing process of said pipe member having a same diameter, and a flat section formed integral with said pipe tubular section by a flat press; and

*cont C1*  
said connection part is connected to said parent plate via a bolt opening formed in said flat section and comprises a pipe tubular section being formed of the pipe member by a cylindrical drawing press to have a curved surface, and extending from and integral with the pipe member, and a flat section being formed from a flattened pipe member through a flat press into a single piece having width determined by the diameter of the pipe member, and extending from and integral with the pipe tubular section, the pipe tubular section defining a semi-circular boundary with the flat section and the flat section including respective transitional slack portions at both ends of the semi-circular boundary of the pipe tubular section.

3. (Twice amended) A truss structure according to claim 1, wherein said parent plate includes a rib erected crosswise thereon, and an edge of said flat section is tapered to allow for each flat section of each chord member to be positioned in close proximity.

*C2 SbC1* 5. (Twice amended) A truss structural member for use in a truss construction including an upper chord member, a lower chord member and a

diagonal chord member, each having a connection part formed on an end thereof, wherein said connection part comprises:

a tubular section which is formed by a cylindrical constrained shaping of a pipe, and

a flat section which is formed integral with said tubular section by a flat compression press, and wherein a bolt opening is formed in said flat section, wherein said connection part comprises a tubular section being formed of a pipe member of the respective chord members by a cylindrical constrained shaping having a curved surface, and extending from and integral with the pipe member, and a flat section being formed from a flattened pipe member through a flat compression press into a single piece having width determined by the diameter of the pipe member, and extending from and integral with the tubular section, the tubular section defining a semi-circular boundary with the flat section and the flat section including (respective transitional slack portions) at both ends of the semi-circular boundary of the tubular section, and a bolt opening is formed in said flat section.

Add the following claims:

c3 Sbey 9. (New) A truss structure according to claim 3, wherein the size of the tapered edge of said flat section is determined by the following relationship:

$$\ell \leq \sqrt{2} t/2 + 10 \sqrt{2 + 2.0 d + B/2}, \text{ and } \ell > 3d \text{ (mm)}$$

wherein  $\ell$  is a half length of a distance between two bolt connection centers of respective flat sections of chord members oppositely positioned on the